



Form PTO-1449 Equivalent

Hart Breit freit find ten mit mit met

erren, marte gerig egan gerig terren 13. 13. 147° A. 15. terren 15. 25. anest 15 Rauff mindt Rauf Richt There U.S. Department of Commerce Patent and Trademark Office Atty. Docket No. 501.39180RC2 Serial No. (not yet assigned) Applicant: K. IKAWA, et al Filing Date: March 6, 2002 Group:

U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date 'If Approp.
EE)	3,445,744	5/69	Henderson		•
Δ΄	4,564,798	1/86	Young		
4	4,575,679	3/86	Chung		
1	4,583,034	4/86	Martin		
1	5,089,762	2/92	Sloan		
- 1	5,150,031	9/92	James et al		
	5,254,929	10/93	Yang		
1	5,334,926	8/94	Imaizumi		
	5,481,175	1/96	Qualich		
, \	5,530,335	6/96	Decker		
	5,834,922	11/98.	Ikawa et al		<u> </u>

Foreign Patent Documents

Document	Date	Country	Class Subclass	Transla	tion
No.				Yes	No
*					
12828/89	1/64	Japan	2	-	
57-13933	1/82	Japan		-	
0 225 106	11/86	European '			
0 248 461 A1	12/87	European '		>	
1-12828	1/89	Japan			
0 334 474	2/89	European			
1-59516	3/89	Japan			
1-96833	4/89	Japan			
39 39 522	11/89	Germany		_	
WO A 90 03682	4/90	WIPO		•	
2-273037	11/90	Japan			•
3-108679	5/91	Japan			
DE 39 39 522 A1	6/91	Deutschland			
4-58493	2/92	Japan			
GB 2 262 401 A	6/93	Great Britain			

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Elle

Date Considered

3/34

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.